

EL PASO NATURAL GAS COMPANY
OPEN FLOW TEST DATA

DATE June 11, 1979

Operator El Paso Natural Gas Company		Lease San Juan 28-7 Unit #100	
Location NE 30-27-7		County Rio Arriba	State New Mexico
Formation Dakota		Pool Basin	
Casing: Diameter 4.500	Set At: Feet 6971	Tubing: Diameter 2 3/8	Set At: Feet 6885
Pay Zone: From 6689	To 6870	Total Depth: 6971	Shut In June 4, 1979
Stimulation Method Sand Water Frac		Flow Through Casing	Flow Through Tubing

Choke Size, Inches		Choke Constant: C			
Shut-In Pressure, Casing, PSIG 2275	+ 12 = PSIA 2287	Days Shut-In 7	Shut-In Pressure, Tubing PSIG 1295	+ 12 = PSIA 1307	
Flowing Pressure: P PSIG	+ 12 = PSIA		Working Pressure: P _w PSIG	+ 12 = PSIA	
Temperature: T = °F Ft =	n =		F _{pv} (From Tables)	Gravity F _g =	

$$\text{CHOKE VOLUME} = Q = C \times P_t \times F_t \times F_g \times F_{pv}$$

Q =

= _____ MCF/D

$$\text{OPEN FLOW} = Aof = Q \left(\frac{P_c^2}{P_c^2 - P_w^2} \right)^n$$

$$Aof = \left(\frac{\quad}{\quad} \right)^n = \quad$$

Aof = _____ MCF/D

TESTED BY C. Brock

WITNESSED BY _____

C. R. Wagner
Well Test Engineer

